

MASTERCLASS: HIGH-PERFORMANCE COMPUTING AND VIRTUAL RESEARCH ENVIRONMENTS FOR DATA PROCESSING AND ANALYSIS

PROGRAMME

Time AEDT (NSW/VIC/ACT)	Time AEST (QLD)	Time ACDT (SA)	Time AWST (WA)	
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Monday 5 December

12:15–12:30	11:15–11:30	11:45–12:00	09:15–09:30	Introduction <i>David Poger (Microscopy Australia)</i>
12:30–13:15	11:30–12:15	12:00–12:45	09:30–10:15	What is HPC <i>Marlies Hankel (The University of Queensland)</i>
13:15–14:00	12:15–13:00	12:45–13:30	10:15–11:00	What can be done with HPC <i>Marlies Hankel (The University of Queensland)</i>
14:00–14:15	13:00–13:15	13:30–13:45	11:00–11:15	Break
14:15–15:00	13:15–14:00	13:45–14:30	11:15–12:00	HPC capabilities in Australia <i>David Green (The University of Queensland)</i>
15:00–15:45	14:00–14:45	14:30–15:15	12:00–12:45	Cloud computing <i>Sonia Ramza (ARDC)</i>
15:45–16:30	14:45–15:30	15:15–16:00	12:45–13:30	Transferring data <i>Chris Myers (AARNet)</i>

Tuesday 6 December

12:00–12:45	11:00–11:45	11:30–12:15	09:00–09:45	What are virtual research environments <i>Andrew Howard (NCI)</i>
12:45–13:30	11:45–12:30	12:15–13:00	09:45–10:30	Characterisation Virtual Laboratory <i>Edan Scriven (The University of Queensland)</i>
13:30–14:15	12:30–13:15	13:00–13:45	10:30–11:15	NCI Australian Research Environment <i>Andrew Howard (NCI)</i>
14:15–14:30	13:15–13:30	13:45–14:00	11:15–11:30	Break
14:30–15:15	13:30–14:15	14:00–14:45	11:30–12:15	ARDC Virtual Desktop Service <i>Andy Botting (ARDC)</i>
15:15–16:00	14:15–15:00	14:45–15:30	12:15–13:00	VRE at Pawsey <i>Maciej Cytowski (Pawsey Supercomputing Centre)</i>
16:00–16:20	15:00–15:20	15:30–15:50	13:00–13:20	Q&A
16:20–16:30	15:20–15:30	15:50–16:00	13:20–13:30	Concluding remarks <i>David Poger (Microscopy Australia)</i>